

Data Processing System and Method for Permitting a Server to
Remotely Access Asset Information of a Mobile Client

ABSTRACT

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A data processing network configuration includes a server and an access point wired to a network and a mobile system wirelessly connected to the access point. The access point receives and stores a request to retrieve information from the mobile system. The mobile system, when in a powered down state, powers its wireless network adapter periodically to poll the access point to discover the stored request for information. The mobile system responds to discovery of the stored request by retrieving the requested information from nonvolatile storage of the mobile system and transmitting the requested information via the wireless network adapter while otherwise remaining powered down. The information request may be a system management request and the request packet may include a Media Access Control (MAC) address repeated multiple times. The access point stores pending requests in a table having an entry for each associated mobile system.